

Fibroblast Growth Factor Binding Protein 2 (FGFBP2) CLIA Kit | FGFBP2 clia kit

CLIA Kit for Fibroblast Growth Factor Binding Protein 2 (FGFBP2)

CATALOG #
AAA130512

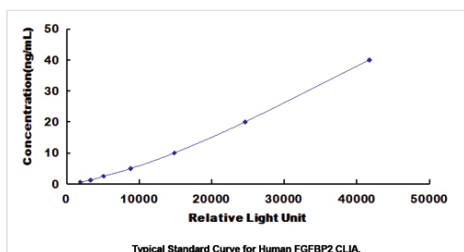
PRODUCT SYNONYMS

Fibroblast Growth Factor Binding Protein 2 (FGFBP2); CLIA Kit for Fibroblast Growth Factor Binding Protein 2 (FGFBP2); FGFBP2 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Fibroblast Growth Factor Binding Protein 2 (FGFBP2) No significant cross-reactivity or interference between Fibroblast Growth Factor Binding Protein 2 (FGFBP2) and analogues was observed.
Sequence Length	223
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.055-40ng/mL The standard curve concentrations used for the ELISA's were 40ng/mL, 13.33ng/mL, 4.44ng/mL, 1.48ng/mL, 0.494ng/mL, 0.165ng/mL, 0.055ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.215ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibroblast Growth Factor Binding Protein 2 (FGFBP2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibroblast Growth Factor Binding Protein 2 (FGFBP2) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Homo sapiens (Human)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FGFBP2 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Fibroblast Growth Factor Binding Protein 2 (FGFBP2) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13994345
NCBI GeneID	83888
NCBI Accession #	NP_114156.1
NCBI GenBank Nucleotide #	NM_031950.3
UniProt Accession #	Q9BYJ0
Molecular Weight	24,581 Da
NCBI Official Full Name	fibroblast growth factor-binding protein 2
NCBI Official Synonym Full Names	fibroblast growth factor binding protein 2
NCBI Official Symbol	FGFBP2
NCBI Official Synonym Symbols	KSP37; HBp17RP
NCBI Protein Information	fibroblast growth factor-binding protein 2; FGF-BP2; FGFBP-2; HBp17-RP; FGF-binding protein 2; HBp17-related protein; 37 kDa killer-specific secretory protein; killer-specific secretory protein of 37 kDa
UniProt Protein Name	Fibroblast growth factor-binding protein 2
UniProt Gene Name	FGFBP2
UniProt Synonym Gene Names	KSP37; FGF-BP2; FGF-binding protein 2; FGFBP-2; Ksp37; HBp17-RP
UniProt Entry Name	FGFP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.